



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- ~~RARS meets for a monthly dinner on the First Tuesday of each month.~~



PUBLIC SERVICE EVENTS

Interested in helping? Visit <https://www.rars.org/public-service.php>

frequently for our 2020 ham public service schedule.

RARS General Meeting

Comments: Marv Hoffman, WA4NC
ARRL Section Manager.

Main Topic: An Introduction to the NanoVNA

Presenter: Dan Marks, KW4TI

Date: August 11, 2020

Time: Meeting at 7:30 PM, informal gathering at 7PM on Zoom.

Where: Zoom

President's Message

It looks like we will not be holding RARS club meetings in person for the next few months. The next two meetings, on August 11 and September 9, are definitely scheduled to be on Zoom. You can find out more about them elsewhere in this newsletter.

In October we traditionally have the club auction along with nomination of the officers and directors for the 2021-22 term. This year, instead of the auction, we will move the members' show and tell to Oc-

[Continued on page 4](#)

RARS Officers

PRESIDENT

John Honeycutt
N8ZU
919.417.2477
jfh49@bellsouth.net

VICE PRESIDENT

Tom Lewis
N4TL
N4TL2@yahoo.com

SECRETARY

Mark Kilmer
KM4JRH
919.676.0110
mark.kilmer@gmail.com

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2014
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The
meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to
the monthly (first Tuesday) RARS Supper,
6:30PM, at the IHOP Restaurant, 7471 Six
Forks road, 27615. Its on the corner of Six
Forks road and Sawmill Road, 6:30 PM to
8PM They have a room for us that is to the left
when you enter the restaurant. Informal and
Dutch, just bring your appetite and best rag to
chew.

RARS Repeaters in Raleigh

145.130, 146.640 and 444.525

Join us for the nightly RARS net at 8 p.m.
on the 146.640 repeater. All hams holding a
Technician class license or higher are invited
to check in. We welcome both RARS and non-
RARS members to the net.

There is a net Listing on the RARS web-
site click here. <https://www.rars.org/nets.php>

VE Testing

The RARS VEs will accept walk-in testing in
February, May, August and November at
5:30PM, prior to RARS membership meetings
at Ridge Road Baptist Church; the RARSfest
in April; the Cary Swapfest in July; the JARS-
Fest in November; and following RARS license
classes. Please bring a photo ID, your origi-
nal and a copy of your current license, your
\$14 exam fee, and any valid CSCEs that prove
passing elements beyond that of your current
license. Visit <https://www.rars.org> for more in-
formation.

Vintage Equipment Nets

Thanks to Bill Weinel, W4WHW who provided the
following information about a few weekly Vintage
Equipment Nets.

Wednesday afternoon

6PM Swan Technical Net

14.292.5 MHz +/- QRM

Op: Jack KG5GP (Stu K4BOV)

Saturday afternoon

2PM Swan Technical Net

7.235 MHz +/- QRM

Op: Stu K4BOV (Bill W4WHW)

Sunday afternoon

All on 14.292.5 MHz +/- QRM

2PM Vintage Sideband Net

Op: K5LYN Lynn, W8UT Al, WB0SNF Andy, WB4BPS
Vince

3PM Heathkit Net

Op: N8MM Chris, K7RQN Robert, KD7HH Roger

4PM Swan Radio Users Net

Op Rotates: WB6MWL Jay, WD5IKY Duncan, KG5GP
Jack, W4WHW Bill



Presidents Comments continued

tober. The show and tell might be my favorite meeting of the year, where members show and describe some projects they've worked on. Some of the projects on display are pretty amazing. On the nightly nets, I hear people talk about a lot of projects, so there might be a bumper crop to show this year. The show and tell will most likely be on Zoom. It isn't too early to start thinking of which projects to show, and how best to show them.

No one can predict what will happen by the November 6th meeting, so our plans are TBD for now. Perhaps we'll be able to hold the auction then. No matter what form of meeting we have then, we must hold the election of officers and directors. They are elected for staggered two year terms. Half will be elected this fall and assume office in January. The rest will remain in office until after next fall's election.

The December meeting is usually the holiday pot luck, and the swearing in of new officers and directors. I really enjoyed that event last year, so I hope we can meet in person by then. If not, we can certainly come up with alternate plans that would be *almost* as enjoyable. Suggestions are welcome.

However long we are prevented from meeting in person, we'll continue to program for meetings to be on Zoom, on the radio as we did in April, or on another virtual platform.

Zoom links will be sent to members by Greg Seamster, our treasurer, the weekend before the meeting. Visitors are always welcome, so if you are not a member, contact Greg or another officer by clicking on the "Officers Contacts" button on the RARS web site, www.rars.org. We'll make sure you get the links.

There are quite a few interesting special events stations scheduled in August, from River City Days in Red Wing, Minnesota on August 2nd, to the Auburn, Cord, and Duesenberg festival in Indiana on the 30th. In between, there's the Coast Guard 230th anniversary station in Washington State, the USS Midway and USS Nautilus commemorative stations, Navajo Code Talkers and more. Sunspots willing, I hope to contact quite a few of them. Listings are on the ARRL web site, www.arrl.org.

I look forward to seeing you on Zoom, August 11.

John Honeycutt, N8ZU

July 14, 2020 RARS meeting

The presentation was Patrolling the Ether by Brian Harrison, KN4R



Brian Harrison, KN4R,

Hello Tom, all,

Thanks for the opportunity to present to RARS last night

Here is the link to Flanagan W3DF's amazing online history pdf of the Radio Intelligence Division based on the writings of George Sterling, the head of the RID during WWII - <https://www.qsl.net/w3df/sterling/ridhist.pdf>

And if anyone wants to watch the “Patrolling The Ether” video again I’ve temporarily posted a copy here:

https://drive.google.com/file/d/1zY1xJzxd5q_KBkbl2ritSII_4yocLfiM/view

And if you want your own copy of the video, it’s included on this interesting DVD set:

[https://www.amazon.com/Crime-Does-Not-Pay-Collection/dp/B0089BSNB0/ref=sr_1_1?](https://www.amazon.com/Crime-Does-Not-Pay-Collection/dp/B0089BSNB0/ref=sr_1_1?dchild=1&keywords=crime+does+not+pay+dvd&qid=1594816506&s=music&sr=8-1)

[dchild=1&keywords=crime+does+not+pay+dvd&qid=1594816506&s=music&sr=8-1](https://www.amazon.com/Crime-Does-Not-Pay-Collection/dp/B0089BSNB0/ref=sr_1_1?dchild=1&keywords=crime+does+not+pay+dvd&qid=1594816506&s=music&sr=8-1)

Tnx agn and if anyone has an oddball radio item that might be worthy of a presentation pse let me know...!

best always, Brian, KN4R

July 14, 2020 RARS meeting, continued

The History of the Radio Intelligence Division Before and During World War II

1940 – 1945

A collection of articles and manuscript of George E. Sterling
Chief, Radio Intelligence Division (1940-1946), FCC Commissioner (1948-1954)



George E. Sterling (W1AE/W3DF)

Wireless for the Warrior – Volume 4



SSR-201

Country of Origin: USA

Screen capture during the Zoom meeting

1. **Identify the main components of the system.**

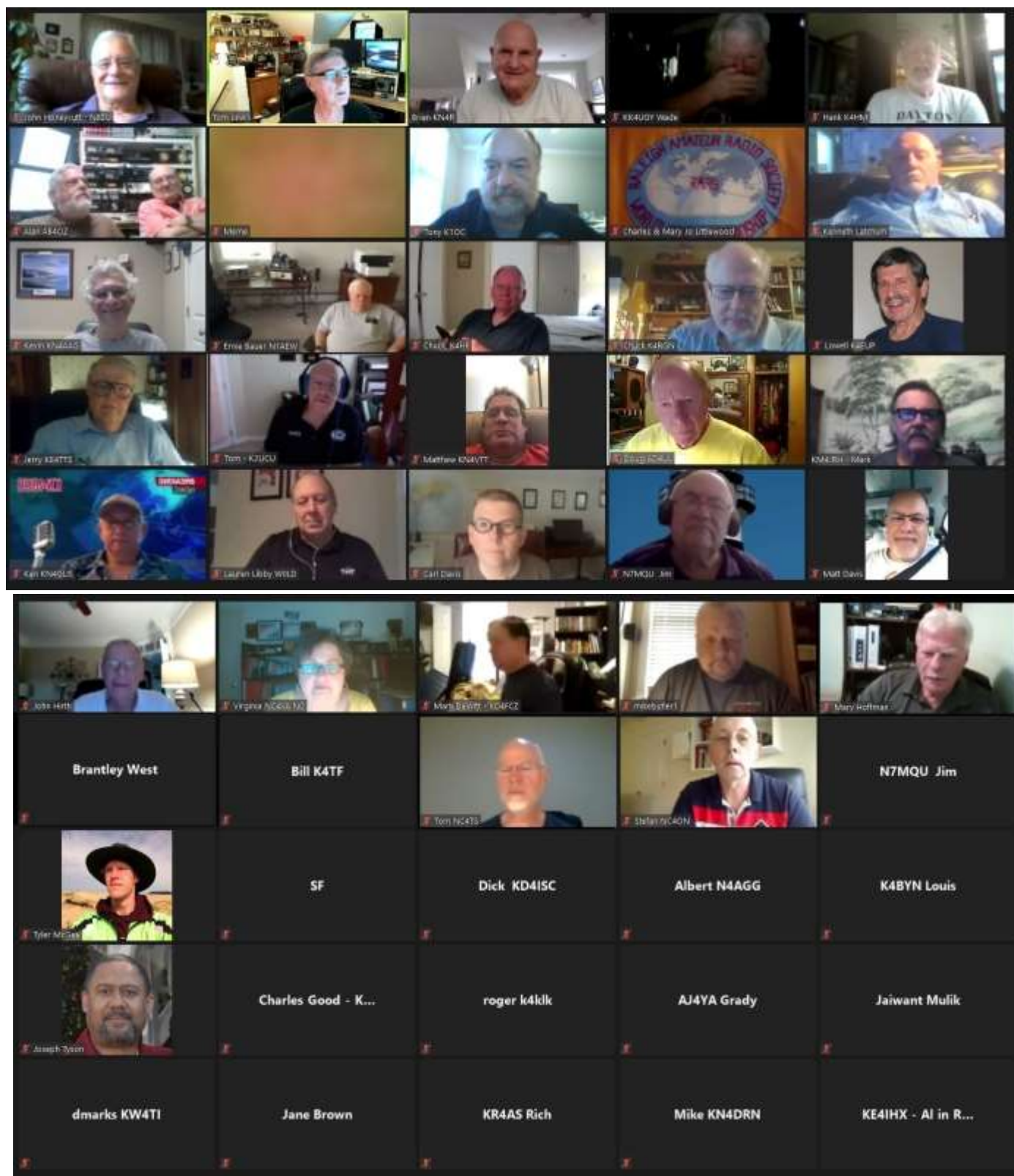


Figure 1. The study design.

July 14, 2020 RARS meeting, continued



Screen captures during the Zoom meeting

New 6-meter DFMA repeater is operational.

53.63, 1 MHz offset (standard), tone 88.5. Location is "TV Hill" north of Durham, lat 36.108135, lon - 78.939751, 160 ft AGL, 400 ft HAAT, and 850 ft above MSL on NC4CD's tower.

This repeater replaces the OCRA 53.45 repeater which was flaky for months before it finally died. 53.45 is off the air for good.

I would expect 53.63 to cover Mebane to south Wake.

K4ITL's 53.03 in south Wake reaches to I-95, I think... between the two of them, 80 miles on I-40 with only one QSY.

73, Chuck, K4RGN

Future RARS Meeting Topics

Titles, topics, and speakers subject to change.

Date	Topic	Presenter
8/11/2020	Comments from Marv, WA4NC ARRL Section Manager. An Introduction to the NanoVNA via Zoom	Marv Hoffman, WA4NC Dan Marks, KW4TI
9/8/2020	Antenna Tuners via Zoom	Doug Hall, K4DSP
10/13/2020	RARS Officers nominations and Show and Tell via Zoom	Election committee & members
11/10/2020	RARS Officers election and TBD	Election committee
12/8/2020	RARS Officers induction and TBD	Election committee

Notice that the show and tell has been moved to October 2020. We are going to use Zoom for that meeting. If you want to show something, you need to think about how you will put it in front of your camera. If its small you can just hold it up. If its big you probably will have to hold the camera in front of it. Before the meeting do a test with Zoom. Start a Zoom New Meeting and turn on your camera. Look at how the camera shows your item.

During all of our Zoom meetings please edit your name so your call is shown. Do a right click on your own image and choose rename. Add your call after your name. Thanks.

The next few meeting of RARS will be held using Zoom at 7:30PM. Zoom is a conferencing application that runs on computers, tablets and phones. The meeting ID will be sent out to everyone via email.

Quick start guide for new Zoom users

https://support.zoom.us/hc/en-us/articles/360034967471-Quick-start-guide-for-new-users#h_b0c98dfa-d90f-486d-9617-71ab7b41a273

Zoom help center

<https://support.zoom.us/hc/en-us>

RARS Birthdays

Conner	KO4ADW	08/02
Darrell	KN4ZYA	08/08
Andy	AA9P	08/10
Hertz	KN4CUZ	08/10
Eric	NR4O	08/10
Aaron	KN4ORB	08/14
Manny	K4KBM	08/14
Paul	AE4MN	08/15
Christopher	KM4RNC	08/15
Jake	KO4DFF	08/15
Bernard	W4BRB	08/17
David	W4EIP	08/18
Mike	KM4BJV	08/18
Bonnie	KK4OAK	08/19
Chuck	W3WZN	08/19
Randy	KI4BRZ	08/20
Al	KE4IHX	08/20
Mike	KN4DRN	08/21
Ned	KV4WN	08/21
Barry	KD4WTI	08/22
Mirl	W4WMA	08/22
Steve	KJ4BX	08/23
Daniel	KW4TI	08/24
Hal	K4NKR	08/24
Peter	KJ4MDY	08/25
John	KG4AKV	08/25
Jeremy	KB4JDL	08/26
Walter	KA2RGI	08/26
David Hostetler		08/26
Jeff	NW4Z	08/29
Mike	KK4ETS	08/30
Dan	KD4AGQ	08/31

*Everyone is
welcome!*



Every Thursday there is a “**Taco Thursday**” Lunch at the Taco Bell, 7036 Knightdale Blvd, Newbern Ave. (Business 64) in Knightdale. We eat outside so bring a chair and Join the Tailgate Party. Weather permitting.

Once in a while a **Free Hamfest** is held at the Pleasant Valley Shopping Center. To find the next date go to the entry for AB4OZ in QRZ.COM. Alan posts the information there.

New Members

Rhett Butler	KN4MRB
Jay Mulik	WJ0J
Sanjay Sharma	KO4FSU
Danielle Sharma	
Jen Larson	KO4FJS
Stephen Larson	KO4FJR
Eric Wagner	NR4O
Larry Beavers	W1GTA
Donnie Tippet	KO4FWI

Taco Thursday July 23, 2020



Left to Right, Glenn Clary, NC4NC; Alan Pitegoff, AB4OZ; Mark Kilmer, KM4JRH; Chuck Littlewood, K4HF; Charles Strickland, WA4OSS (behind Chuck); Tom Lewis, N4TL; David Guthrie, WA4DAG; Dennis Mason, WZ0Q.



Ken Latchum, AD4GX, took the picture above.

How Taco Thursday got started Recorded by Martin Brossman, KI4CFS.
Explained by Alan Pitegoff, AB4OZ.

<https://youtu.be/6kD0GIQmnmw>

<https://www.rars.org>

Interesting Websites and Information

Near Vertical Incidence Skywave Propagation.

<https://www.brara.org/meetings.php>

https://www.brara.org/documents/presentations/KE4PT-BRARA-version-NVIS_Lord-VE4OV-rev1A.pdf

Free CW programs

I wanted to share a link to the below (free) tools that I have come across that are a great way to improve proficiency in running a frequency in CW, whether it be for a contest or running a pileup.

Morse Runner <http://www.dxatlas.com/MorseRunner/>

Simulates pile ups or contests and has settings to simulate tough band conditions that can be individually set such as QRN, QRM, QSB. Even has a setting for LIDS that will occasionally tune up on frequency or start calling CQ.

Pileup Runner <http://www.dxatlas.com/PileupRunner/>

Simulates pile ups (you get to pick your call for your dream DXpedition and continent you want to work as well as the size of the pileup) using a visual display similar to CW Skimmer

RufzXP <http://www.rufzxp.net/>

Simple tool to practice copying callsigns. The speed adjusts to your capabilities and keeps you on your toes...

Outside of being practice tools, they are just plain fun...

73, Sebastian K5SEU

RadCom basics

The Radio Society of Great Britain has free basic information on their website. This month has Sporadic-E, Morse code and other things of interest.

<https://rsgb.org/main/publications-archives/radcom-basics/>

Thanks to Charles Strickland WA4OS for sending the info to the Exciter.

More Zoom tips

<https://mckimmoncenter.ncsu.edu/olli/zoomtips/>

<https://www.rars.org>

RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.

Misc Ham Radio Gear

Posted August 2nd, 2020 by: K4HF

Contact: k4hf@arrl.net

ICE Model 309 Balanced Line Arrestor; 1KW PEP, 1.5-60MHz, 300-600 ohms - \$25
DX Eng 1:1 HP Balun Model DXE-BAL050-H10-AT, as new - \$95
MFJ 422C Keyer with BY-1 Bencher Paddle Combo, as new - \$95
ICOM AH-4 80-6 meters Autotuner w/23' or 40-10 meters w/8' of wire - vy gd - \$185
Yaesu FT 817D QRP HF thru 70cm tcvr package with access., manual - vy gd - \$395
Van Gordon Hi-Q 1:1 Balun - \$15
West Mountain Radio RigTalk USB to TTL Interface - vy gd - \$25
Meter International Corp MIC-40700 Digital LCR Meter, as new - \$35
TinyTrak3Plus/GPS www.byonics.com, vy gd - \$30
MFJ 259B Antenna Analyzer 1.8 to 170 MHz vy gd - \$140
Kenwood HS-5 Communications Headphones, mono, as new \$30
Eton Solarlink Weather Alert Radio Mod. ARCFR360, as new \$20
Grundig Satellite 750 HF/VHF Receiver, as new, asking \$295
Several Drake, etc 1KW HF Low Pass Filters, as new ea. \$5
Several Kenwood H/T Alkaline Battery cases, B-8, B-11, MBT-1 ea \$5
Autek VA-1 Rx Vector Analyst \$35
Noo-Elec.com Ham-it-up//SDR Rcvr, 100KHz to 30 MHz; 25 MHz to 1 Gig \$30
Pyramid Gold Series PS-8K, 13.8VDC 6-8Amp power Supply \$15
Several 2 Meter 19" Mag Mount mobile antennas with cable/conn., ea. \$10
ICOM SM-20 8 pin Base Mike, as new - \$105
ICOM IC-R2500 Communications Rcvr, sw etc, as new - asking \$235

Contact me by e mail, preferred, or (919) 872-6555 Thanks, Chuck

RARS Classifieds continued

160 + Books for sale on Electronics and Ham Radio, many \$1 each

Posted July 13th, 2020 by: KI4RK

Contact: ki4rk@arrl.net

I have a list of over 160 electronics and ham radio books that I am getting rid of. I probably have 1000 books here, and have been culling the collection. A good percentage of the books are \$1.00 each, but I could discount that if you buy more than just a few. I can send you a list if you are interested. Just shoot me an email. I also have a bunch of 73 Magazine (Ham Radio by Wayne Green, W2NSD), as well as some issues of CQ. They are free for the taking, but I do ask that you take at least a one year 12 issue lot, as I do not want to break up sets. I have most issues of 73 from 1982 to 1994 and a few issues from the 1970's. The CQ lots are from the mid 1980's. Call or email if you are interested. I live near Goldsboro, but might be able to meet and deliver them if you buy a lot.

Thanks and 73

E. Kirk Ellis, KI4RK

203 Edgebrook Drive

Pikeville NC 27863

919-242-6000 home

919-273-1981 mobile

Vibroplex Iambic Deluxe key

Posted July 11th, 2020 by: W3IMD

Contact: Bnbhabicht@gmail.com

Vibroplex Iambic Deluxe key, Chrome Base, Chrome Hardware, Red Paddles, Jeweled Movements. Like new condition (Used 4-5 times). \$150

Contact Bill, W3IMD; Email preferred: bnbhabicht@gmail.com, or text/phone:410-991-2458.

RARS Classifieds continued

Antenna rotor control units

Posted July 8th, 2020 by: KI4OTO

Contact: ki4oto@gmail.com

Alliance "Tenna-Rotor" control unit, 4 wire, single knob, stand up "clicker" type.

Alliance unit, 6 wire, meter, rocker switch direction ctl., type. TWO UNITS.

CDE "Antenna Rotor model XL-1, series 1, single knob, lay flat,"clicker" type, for use with rotors AR-10 L & XL, AR-20 I & XL, and AR-22 L & XL types.

CDR "Ham Rotor" series 4-232. round meter front.

All units are complete, fair condition, untested. Best offer, one or all, MUST GO !

Call or text Ken McEwen, KI4OTO, 919-270-8773, or e-mail KI4OTO@gmail.com

RARS Board Meeting Minutes – June 16th, 2020

Ridge Road Baptist Church

2011 Ridge Road

Raleigh, NC

* This meeting was conducted over Zoom

John Honeycutt opened the meeting at 7:01 PM.

The following were in attendance:

Members:

John Honeycutt - N8ZU

Tom Lewis - N4TL

Greg Seamster - KE4PAX

Mark Kilmer - KM4JRH

Chuck Littlewood - K4HF

RARS Board Meeting Minutes continued

Carl Davis – W8WZ

Hank Montgomery – K4HM

Bob Starkenburg – W4TTX

Jeremy Lindsley – KB4JDL

Ken Latchum – AD4GX

Tadd Torborg - KA2DEW

A quorum was present and the previous meeting minutes were approved.

Mark Kilmer reviewed Action item status from previous meetings.

Officer/Committee Reports:

President: - John Honeycutt

Mentioned that some VE sessions are being conducted on-line but most are full. Unsure if Joe and Liz White are planning to do any on-line testing. John will call to find out.

Treasurer: - Greg Seamster

Membership is at 431. Greg reviewed our current assets and expenses.

Education Director: - Carl Davis

Carl received call from WCPSS indicating that Continuing Ed classes will begin in August, with certain restrictions. At that point we will begin to publicize the Tech class.

Field Day Chair: - Bob Starkenburg

Bob e-mailed information for N1MM classes and will e-mail again. Carl Davis suggested keeping a radio on the 146.52 for the benefit of any Technicians who want to participate. Also mention some instruction for people unfamiliar with submitting logs with N1MM. Bob will put the information in his e-mail and John will mention on some of the nets.

Repeater Chair: – Chuck DeCourt (Absent)

Alan indicated that Danny Hamilton is still looking for riggers for the 146.640 antenna replacement. Alan will help with site surveys next week.

RARS Board Meeting Minutes continued

Exciter Editor: - Tom Lewis

Any item for the next Exciter is due by July 4th. Suggested having our Show and Tell meeting over Zoom, if we are not back in the church.

Director at Large: – Alan Pitegoff

Noted an issue with promoting the Taco Thursday status. He is now posting the information on his QRZ page. Also, the possibility of having a mini Hamfest at Crabtree Valley Mall.

ARRL Liaison: - Chuck Littlewood (K4HF)

Mentioned Marv Hoffman's news letter. Some clubs have made arrangements with Marv to have him speak at their meetings. Chuck suggested we have Marv speak at one of our meetings. Scheduling should be discussed with Tom Lewis.

Webmaster: - Hank Montgomery

Directed those who are not receiving the e-mails, to check spam folder and mark as not spam if found. Is rewriting the PS points page and moving to a MySQL database. Brian will be able to make updates.

Existing Action Items:

John Honeycutt:

- Contact Joe and Liz to find out if they are planning any sort of remote VE testing.
- Invite Marv Hoffman to the next club meeting to discuss FD from an ARRL perspective.

Jeremy Lindsley:

- Prepare and present quote for new vests to the BOD.

Tom Lewis:

- Publish FD rules in the Exciter when they are finalized.

RARS Board Meeting Minutes continued

Hank Montgomery:

- Working on cleaning up old links.
- New version of Public Service points is up and is now set up in MySQL.
- Noted that some of the e-mail providers are setting list server e-mails to junk. People should check their spam folder on a regular basis and not just delete the desired e-mail, but mark it as “not junk” to correct the issue.

New Action Items:

Alan Pitegoff:

- Will discuss the methodology of continuing the Zoom meetings after we resume normal on-site meetings.
- Contact Crabtree Valley Mall.

Bob Starkenburg:

- Bob Starkenburg will resend an e-mail noting classes for N1MM.

John Honeycutt:

- Contact Marv to check his schedule and let him know we would like him to speak.

Greg Seamster:

- Reach out to Jeremy for status of vest order and Marty to check on Field certificates. Also suggested gold seals for the FD certificates.

John Honeycutt adjourned the meeting at 8:46 PM

Meeting Minutes submitted by Mark Kilmer, KM4JRH;
Secretary, Raleigh Amateur Radio Society

RARS Membership Meeting – July 14, 2020

* Ridge Road Baptist Church
2011 Ridge Road
Raleigh, NC

* The normal club meeting space was closed, due to the COVID-19 “Stay at Home Order.” The meeting was conducted using the Zoom video conferencing software.

The meeting was opened by President John Honeycutt (N8ZU), at 7:30.

The Pledge of Allegiance was recited.

John called for visitor introductions and those who had recent license upgrades.

We had 3 visitors and 1 license upgrade

A quorum was present. June minutes were approved.

Officer Reports:

President: - John Honeycutt

Any guests wishing to attend the club meetings should go through the RARS website and contact John Honeycutt for information regarding the Zoom login credentials.

The RARS Board of Directors meeting will be one week from today. All members are invited. The meeting will be held at 7:00 PM, over Zoom. Login information may be obtained by request from John Honeycutt.

Vice President: - Tom Lewis

The August meeting topic will be “Intro to the Nano VNA”, presented by Dan Marks (KW4TI). Informative links for the Nano VNA are listed in the exciter.

Treasurer: - Greg Seamster

Membership is at 307. Currently, 131 members have not yet renewed.

RARS Membership Meeting – Continued

Secretary: - Mark Kilmer

The new RARS shirt web site is up and shirt orders are now being filled.

Director and Committee Reports:

Repeater Chair: Chuck DeCourt (Absent)

Alan Pitegoff (AB4OZ) made a site visit to the Bayleaf repeater. Cut the A/C back. He also made a trip to the 145.13 repeater. Found an issue with one of the batteries.

Danny Hampton (K4ITL) continues to seek out a climber for the replacement of the 146.640 repeater..

Field Chair: Bob Starkenburg (W4TTX)

ARRL logs must be submitted by August 4th.

Education Director: Carl Davis (W8WZ)

The fall technician class has been canceled. New plans will be discussed at the next BOD meeting.

Additional Announcements:

John Honeycutt made a shout-out for Tom Lewis citing the excellent programs he has been bringing to the club.

Tonight's Program:

Tom Lewis introduced Brian Harrison (KN4R), for the nights presentation, "Patrolling the Ether: FCC in WWII"

John Honeycutt adjourned the meeting at 8:28 PM.

Meeting minutes respectively submitted by Mark Kilmer (KM4JRH), Secretary, RARS.